Technological Forecasting and Social Change

An International Journal

Volume 68, Number 1, September 2001

Contents

TESSALENO C. DEVEZAS (Covilhã, Portugal) **JAMES T. CORREDINE** (Middle Island, NY)	The Biological Determinants of Long-Wave Behavior in Socioeconomic Growth and Development	1
JAMES F. DUNCAN (Picton, New Zealand)	Comments on the Devezas–Corredine Paper	59
BRIAN J. L. BERRY **HEJA KIM** **EUGENE S. BAKER** (Dallas, TX)	Low-Frequency Waves of Inflation and Economic Growth: Digital Spectral Analysis	63
GEORGE MODELSKI (Washington, DC)	What Causes K-Waves?	75
CHIHIRO WATANABE **BING ZHU** **TOSHINORI MIYAZAWA** (Tokyo, Japan)	Hierarchical Impacts of the Length of Technology Waves: An Analysis of Technolabor Homeostasis	81
	Book Review	
STEVEN PAYSON (Falls Church, VA)	*Causality: Models, Reasoning, and Inference* (Judea Pearl)	105

Technological Forecasting and Social Change

An International Journal

Volume 68, Number 1, September 2001

Contents

TESSALENO C. DEVEZAS (Covilhã, Portugal) **JAMES T. CORREDINE** (Middle Island, NY)	The Biological Determinants of Long-Wave Behavior in Socioeconomic Growth and Development	1
JAMES F. DUNCAN (Picton, New Zealand)	Comments on the Devezas–Corredine Paper	59
BRIAN J. L. BERRY **HEJA KIM** **EUGENE S. BAKER** (Dallas, TX)	Low-Frequency Waves of Inflation and Economic Growth: Digital Spectral Analysis	63
GEORGE MODELSKI (Washington, DC)	What Causes K-Waves?	75
CHIHIRO WATANABE **BING ZHU** **TOSHINORI MIYAZAWA** (Tokyo, Japan)	Hierarchical Impacts of the Length of Technology Waves: An Analysis of Technolabor Homeostasis	81
	Book Review	
STEVEN PAYSON (Falls Church, VA)	*Causality: Models, Reasoning, and Inference* (Judea Pearl)	105

Technological Forecasting and Social Change

An International Journal

Volume 68, Number 2, October 2001

Contents

BRIAN SAGER (Stanford, CA)	Scenarios on the Future of Biotechnology Tomography and Bibliometrics: A Review	109
KNUT BLIND **KERSTIN CUHLS** **HARIOLF GRUPP** (Karlsruhe, Germany)	Personal Attitudes in the Assessment of the Future of Science and Technology: A Factor Analysis Approach	131
PETER MULDER **HENRI L. F. DE GROOT** **MARJAN W. HOFKES** (Amsterdam, The Netherlands)	Economic Growth and Technological Change: A Comparison of Insights from a Neo-Classical and an Evolutionary Perspective	151
JAMES T. MURPHY (Salem, MA)	Making the Energy Transition in Rural East Africa: Is Leapfrogging an Alternative?	173
MORDECHAI SOKOLOV (Tel-Aviv, Israel)	Technology's Impact on Society: The Issue of Mass-Customized Education	195
PETTER GOTTSCHALK (Sandvika, Norway)	Descriptions of Responsibility for Implementation: A Content Analysis of Strategic Information Systems/Technology Planning Documents	207

Technological Forecasting and Social Change

An International Journal

Volume 68, Number 3, November 2001

Contents

RONALD N. KOSTOFF (Arlington, VA) **DARRELL RAY TOOTHMAN** (McLean, VA) **HENRY J. EBERHART** (Ridgecrest, CA) **JAMES A. HUMENIK** (Manassas, VA)	Text Mining Using Database Tomography and Bibliometrics: A Review	223
BRUCE E. TONN (Knoxville, TN)	Institutional Designs for Long-Term Stewardship of Nuclear and Hazardous Waste Sites	255
VIVIANE ILLEGEMS ALAIN VERBEKE ROSETTE S'JEGERS (Brussels, Belgium)	The Organizational Context of Teleworking Implementation	275
JACOB GOLDENBERG (Jerusalem, Israel) **SOL EFRONI** (Rehovot, Israel)	Using Cellular Automata Modeling of the Emergence of Innovations	293
	Column	
HAROLD A. LINSTONE (Portland, OR)	*From My Perspective* TF/TA: New Driving Forces	309
	Volume 68 Author Index	315
	Volume 68 Book Review Index	315
	Volume 68 Subject Index	316
	Volume 68 Contents	318